

What is claimed is:

1. In an information processor for reading out or writing information from or to a disk drive, a method of controlling said disk drive, which includes disk drive means for driving a disk, access means for reading out or writing information from or to said disk, control means for controlling said disk drive means, and a disk controller, comprising the steps of:

driving said disk drive at a set drive speed;

acquiring format identification information from information recorded on said disk; and

transmitting drive-speed information for said disk drive, determined from said acquired format identification information.

2. The disk drive control method according to Claim 1, wherein the information processor includes means for storing a table of information and wherein said drive speed is set by using said table in which said format identification information and said drive-speed information are correlated with each other.

3. The disk control method according to Claim 2, wherein said step of setting said drive speed includes a step of transmitting said drive-speed information, determined by using said table, from said information processor to said disk controller.

4. The disk drive control method according to Claim 1, wherein the disk controller includes means for storing a table of information and wherein said drive speed is set by using said table in which said format identification information and said drive-speed information are correlated with each other.

5. The disk drive control method according to Claim 4, wherein said step of setting said drive speed includes a step of determining said drive-speed information from a quantity of accessing said disk by use of said table.

6. The disk drive control method according to Claim 1, wherein said disk drive is an optical disk drive.

4006433-01402

7. A control method of a disk drive in an information processor with which a disk drive capable of selecting a plurality of rotational speeds is connectable, comprising the steps of:

driving said disk drive at a predetermined rotational speed;

acquiring information related to rotational speed, from information recorded on said disk; and

determining an optimum rotational speed, based on said acquired information related to rotational speed.

2006-12-04 10:34:00

8. A disk drive to be accessed by an information processor for reading out or writing information, comprising:

means for rotating a disk;

access means for reading out or writing information from or to said disk;

control means for controlling said disk rotating means;

a disk controller;

means for driving said disk drive at a set drive speed;

means for acquiring format identification information from information recorded on said disk; and

means for transmitting said drive-speed information determined from said acquired format identification information to said disk driving means.

9. The disk drive according to Claim 8, wherein said information processor includes a table in which information relating to said disk is correlated with said drive-speed information and also includes means for receiving said drive-speed information, which is determined from said table, from said information processor.

10. The disk drive according to Claim 9, wherein said table is included in said disk drive.

11. The disk drive according to Claim 10, further comprising means for determining said drive-speed information from a quantity of accessing said disk by using said table.

12. The disk drive according to Claim 8, wherein said disk is an optical disk.

2010032193001